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ABSTRACT

A spectrophotometer and spectrophotometry, using a precision drive means at the photodiode array, is disclosed. The drive means precisely moves the photodiode array by a distance equal to the physical interval between the photodiodes of the photodiode array. Therefore, the spectrophotometer and spectrophotometry of this invention primarily measures light intensities of incident light by the photodiode array, and precisely moves the photodiode array using the drive means by the distance equal to the physical interval between photodiodes of the photodiode array, and measures the light intensities of the incident light at desired positions corresponding to the intervals.